

**Specification (Measurement)**

**Transport and Main Roads Specifications  
MRS85 Repainting Steel Bridges**

**July 2017**

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## 1 Introduction

This Specification applies to the repainting of steel bridges where the paint system can either:

- a) have an existing red lead or other prime coat well adhering to the steelwork and an existing micaceous iron oxide top coat, where:
  - i. in urban areas or areas with a significant number of pedestrians on or under the bridge, less than 1% of the paint system is broken down, or
  - ii. in other areas, less than 10% of the paint system is broken down.
- b) have an existing red lead or other prime coat which has been assessed as no longer providing protection to the structure

This Specification is based on encapsulation of the red lead prime coat, where applicable. Abrasive blast cleaning which removes the red lead primer is not permitted.

This Specification shall be read in conjunction with MRS01 *Introduction to Specifications* and other Specifications as appropriate.

This Specification forms part of the Transport and Main Roads Specifications Manual.

## 2 Measurement of work

### 2.1 Standard Work Items

In accordance with the provisions of Clause 2.1.3 of MRS01 *Introduction to Specifications*, the Standard Work Items covered by this Specification are listed in Table 2.1

**Table 2.1 – Standard Work Items**

Standard Item No.	Description	Unit of Measurement
<b>Repainting Steel Bridges</b>		
73201P	Full re-coating of steelwork (Provisional Quantity)	m <sup>2</sup>
73205P	Top coating of steelwork (Provisional Quantity)	m <sup>2</sup>

### 2.2 Work Operations

**Item 73201P Full re-coating of steelwork (Provisional Quantity)**

**Item 73205P Top coating of steelwork (Provisional Quantity)**

Work Operations incorporated in the above items include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) supply of all materials and equipment
- c) provision of access
- d) collection, storage and transportation of red lead waste
- e) surface preparation
- f) application of paint, and
- g) compliance with all statutory requirements.

